

## **TIMBERDUC PUR 533 AS Medium Duty Antistatic polyurethane hose for the woodworking industry, heavy, flame-resistant**



### **Technical specifications:**

#### **APPLICATIONS**

- explosion hazard area
- extraction unit, dedusting system, filter system, oil mist extraction
- wood dust extraction, wood chips: furniture production, saw mill
- wood dust extraction: vertical panel saw, saw, woodworking machine, edge processing machine, parquet flooring grinding machine

#### **PROPERTIES**

- heavy duty
- highly abrasion resistant
- increased pressure and vacuum resistance
- microbe resistant
- good resistance to oil, gasoline and chemicals
- flame-retardant according to: DIN 4102-B1
- permanently antistatic wall: according to ISO 8031 electrical and surface resistance  $<10^9 \Omega$  (according to TRGS 727  $<2,5 \cdot 10^8 \Omega \cdot m$  and NFPA 652  $10^8-10^9 \Omega$ )
- in accordance with ATEX 2014/34/EU (1999/92/EC) and German TRGS 727: pneumatic transport of flammable dusts and bulk materials (Zone 20, 21, 22 inside), aspiration of combustible dusts (Zone 22 inside),
- in accordance with ATEX 2014/34/EU (1999/92/EC) and German TRGS 727: for conveying for flammable liquids (inside zone 0, 1, 2), for conveying for non-flammable liquids, for use in zone 1 and 2 (gases), for use in zone 0 (gases)
- conforms to the safety regulations of the German Wood Trade Association
- according to DIN 26057 Type 2
- conforms to RoHS guideline
- REACH according to --> Technology / Technical Information / REACH

#### **TEMPERATURE RANGE**

- -40°C to 90°C
- short time to 125°C

#### **DELIVERY VARIANTS**

- further diameters and lengths available on request
- transparent + partially silver coloured (standard)
- special colours: partially coloured, completely coloured
- customer-specific branding

## DESIGN

- AIRDUC® profile hose
- 1. spring steel wire firmly embedded in wall
- 2. wall: permanently antistatic premium polyurethane (Pre-PUR®), resistant to aggressive wood types and wood preservatives
- 3. wall thickness 0,7 mm approx.

**Temperature:** -40°C/+90°C ( rövid ideig + 125°C)

**wall:** 0,7 mm

**Construction:** poliuretán, áttetsző, beágyazott acélspirállal, egyenes, közel sima fal

**Material:** tartósan antisztikus prémium poliuretán (Pre-PUR®), amely ellenáll az agresszív fafajtáknak és a faanyagvédő szereknek.

**typ:** DIN 25057 type 2

**Flame retardant:** DIN 4102-B1

**Length:** 10-15 m (DN160-ig) 10 m (DN170-400)

On stock at the manufacturer, short delivery time with regular shipments

ID	OD	BAR	Vacuum (bar)	Bending radius (mm)	kg/m	Coils	Article nr.
40	48.00	1,555	0,47	32.00	0.31	10 15	533-0040-0000
44-45	53.00	1,39	0,42	35.00	0.35	10 15	533-0045-0000
50-51	58.00	1,25	0,38	38.00	0.39	10 15	533-0050-0000
60	68.00	1,05	0,315	44.00	0.45	10 15	533-0060-0000
63-65	73.00	0,97	0,29	47.00	0.49	10 15	533-0065-0000
70	79.00	0,9	0,185	50.00	0.52	10 15	533-0070-0000
75-76	84.00	0,84	0,175	53.00	0.55	10 15	533-0075-0000
80	89.00	0,79	0,16	56.00	0.59	10 15	533-0080-0000
89-90	99.00	0,705	0,145	62.00	0.66	10 15	533-0090-0000
100-102	109.00	0,635	0,135	68.00	0.86	5 10 15	533-0100-0000
110	119.00	0,575	0,125	74.00	0.94	10 15	533-0110-0000
120	129.00	0,53	0,115	80.00	1,02	10 15	533-0120-0000
125-127	134.00	0,51	0,11	83.00	1,07	10 15	533-0125-0000
130	139.00	0,49	0,105	86.00	1,1	10 15	533-0130-0000
140	149.00	0,455	0,095	92.00	1,18	10 15	533-0140-0000
150-152	159.00	0,425	0,075	98.00	1,2	10 15	533-0150-0000
160	169.00	0,4	0,07	104.00	1.38	10 15	533-0160-0000
170	179.00	0,375	0,065	108.00	1.45	10	533-0170-0000
178-180	189.00	0,355	0,06	116.00	1.54	10 15	533-0180-0000
200-203	209.00	0,32	0,055	128.00	1.73	5 10 15	533-0200-0000
225	234.00	0,285	0,05	143.00	1.92	10	533-0225-0000

ID	OD	BAR	Vacuum (bar)	Bending radius (mm)	kg/m	Coils	Article nr.
250	259.00	0,255	0,045	158.00	2,13	5 10 15	533-0250-0000
280	289.00	0,23	0,04	176.00	2.38	10	533-0280-0000
300	309.00	0,215	0,035	188.00	2.55	10	533-0300-0000
315	324.00	0,205	0,035	197.00	2.68	10	533-0315-0000
325	334.00	0,195	0,035	203.00	2.76	10	533-0325-0000
350	359.00	0,185	0,03	218.00	2.97	10	533-0350-0000
400	409.00	0,16	0,03	248.00	3.83	10	533-0400-0000

